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# **Russian Uranium Conversion Industry 2016**

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## List of Abbreviations

AECC	JSC Angarsk Electrolysis and Chemical Combine
AUTC	ammonium uranyltricarboxylate
CMP	JSC Chepetsk Mechanical Plant, Glazov, in Udmurtiya region
ECP	JSC Production Association “Electrochemical Plant”, Zelenogorsk near Krasnoyarsk
FSUE	Federal State Unitary Enterprise
FTP	Federal Targeted Program
ISUS	irradiated standard uranium slugs (for Pu production reactors)
JSC Atomenergoprom	JSC Atomic Power and Industrial Complex
KMC	JSC Karabaltinsky Mining Combine (Kyrgyzstan)
MBP (or MSZ)	JSC Machine Building Plant (Electrostal, Moscow region)
MCC	JSC Mining and Chemical Combine, in Zheleznogorsk near Krasnoyarsk <sup>1</sup>
NAC Kazatomprom	National Atomic Company Kazatomprom (Kazakhstan)
NIKhT	JSC Research Institute of Chemical Technology, Moscow
CIS	Commonwealth of Independent States – 11 countries originating from the USSR’s Republics
PPMCA	JSC Priargun Production Mining and Chemical Association, Chita region
SC Rosatom	State Atomic Energy Corporation “Rosatom”
SCC	JSC Siberian Chemical Combine (official name in English – JSC Siberian Group of Chemical Enterprises), Seversk in Tomsk region
SMCC	Stepnogorsky Mining and Chemical Combine, LLC (Kazakhstan)
SSDI	JSC State Special Design Institute, Moscow
TBP	tributyl phosphate
UMP	JSC Ulba Metallurgical Plant (Kazakhstan)
UCSSC	JSC United Company Separation-Sublimation Complex, Moscow
VNIPIET	JSC East European Leading Research and Design Institute of Power Technologies, St. Petersburg

<sup>1</sup> Zheleznogorsk and Zelenogorsk are two different towns in Krasnoyarsk region. In the Soviet times they were called Krasnoyarsk-26 and Krasnoyarsk-45 respectively.

## Introduction

The Russian uranium conversion industry is one of the world largest; accordingly, it plays an essential role in providing nuclear materials to consumers both in Russia and abroad. This study is a detailed and up-to-date description of managerial, economic and technological aspects of the Russian uranium conversion industry.

The study might be of particular interest to:

- Management of nuclear fuel cycle companies;
- Management of nuclear utilities and fuel supply companies;
- Specialists employed by consulting and investment companies;
- Engineers developing processes and equipment for uranium conversion.