

ГОСУДАРСТВЕННАЯ КОРПОРАЦИЯ ПО АТОМНОЙ ЭНЕРГИИ «РОСАТОМ»

Nuclear Contractors Motivation for the Reduction of Nuclear Facility Construction Period and Costs

P. A. Stepaev

Deputy Director, Capital Investments

Moscow

10.06.2014



Existing and proposed systems of motivation for the construction period and expenses reduction



Existing motivation system	Proposed motivation system	Proposed motivation system
Bonus for saving is not provided for in the project		Project should provide for "Saving bonus"
The only one interested in the construction period and costs reduction	Investor	The one interested in the construction period and costs reduction
The main striving is 100% development, even in case of saving	Project owner/ Customer	Motivation for reaching expenses and time frame reduction (bonus in % of saving or for the commissioning, or commissioning ahead of schedule)
The main striving is 100% development, even in case of saving	Designer	
The main striving is 100% development, even in case of saving	Contractor	









ICP (investment and construction project) participants and approaches to motivation





1. Motivation for all industry and out-of-the industry participants of the ICP. 2.Change of the personnel remuneration and bonus award system for the industry companies

Principles of remunerative incentives for reaching the targets of costs and time frame reduction







Designing is the stage where it is possible to achieve maximum cost reduction in relation to the JOI indicators



Apply Article 12 of SCE as a source of bonus formation and make a provision on paying a bonus for successful performance of the design work in the contract for design taking into account the cost reduction

The advanced payment of the bonus shall be effected after the internal expertise, and in case of the facility financing from the Federal Budget – state inspection of Project construction cost (SCE) truthfulness and price and technical public audit.

The final payment is effected after the implementation of key events that provided the basis for the cost reduction at the Design stage

Introduction of the remunerative incentive system for the time frame reduction at the ICP implementation stage (Work Documentation issue – construction)



1. Distribution of the bonus for timely commissioned facility



Solution on the bonus distribution for the facility commissioning between the participants is taken individually for each project and is reflected in agreements

2. Function of the bonus for the early commissioning taking into account the motivating cancellation of bonus for failure to meet time constraints

The bonus main condition :

For reduction of the facility commissioning terms without the project cost exceeding

The bonus formation source

Chapter 9 Section "Bonus for timely and early commissioning" ~ up to 3% (2%+1%) of the CIW

For the purposes of the bonus amount calculation for NPP power unit early commissioning, the amount of the above-plan profit from the electric power sales should be used.



%

85%

5%

5%

5%

Introduction of the remunerative incentive system for the time frame reduction at the ICP implementation stage (WD issue – construction)



POCATOM

Pilot projects of the nuclear contractors industry motivation system







Thank you!

Petr Anatolievich Stepaev

Deputy Director, Capital Investments

E-mail: PAStepaev@rosatom.ru **Тел**: 8(495) 969-29-39 (33-00)